

For Research Use Only

# DDIT4L Polyclonal antibody, PBS Only

Catalog Number: 28490-1-PBS



## Basic Information

Catalog Number:

28490-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29616

GenBank Accession Number:

BC013592

GeneID (NCBI):

115265

UNIPROT ID:

Q96D03

Full Name:

DNA-damage-inducible transcript 4-like

Calculated MW:

193 aa, 22 kDa

Observed MW:

22 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

DNA-damage-inducible transcript 4-like protein(DDIT4L), encoded by the stress responsive gene REDD2, is a negative regulator of mTOR signaling, and expressed predominantly in skeletal muscle. It regulates the TOR signaling pathway upstream of the TSC1-TSC2 complex and downstream of AKT1. Also, DDIT4L involves in oxidized low-density lipoprotein-induced macrophage death sensitivity.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

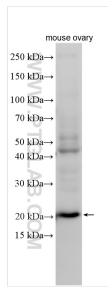
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Mouse ovary tissue were subjected to SDS PAGE followed by western blot with 28490-1-AP (DDIT4L antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28490-1-PBS in a different storage buffer formulation.